

**ATTACHMENT C**  
**SERVICES TO BE PROVIDED BY THE CONSULTANT**  
**IH 635 (LBJ FREEWAY) WEST SECTION**  
**PROCUREMENT ENGINEER (PcE)**  
**FROM: LUNA ROAD**  
**TO: U.S. 75 (EAST OF PARK CENTRAL)**  
**LENGTH: 8.814 Miles**  
**DALLAS COUNTY**  
**CONTRACT NUMBER: 86-445P5001**  
**CSJ: 2374-01-068, 2374-07-046 & 2374-01-032**

The scope of services for the IH 635 (LBJ Freeway) West Section Procurement Engineering Functions falls into three (3) main parts as outlined below:

Each part as described is not to be considered a complete list or a guarantee that each item is to be included. Other items as listed in the NOI are to be referenced and included as "could" work activities.

**PART I – Procurement of the CDA Team**

1. Manage the work flow of activities for the CDA selection process
2. Prepare CDA Procurement Documents
3. Prepare CDA Selection Criteria
4. Complete Risk Assessment Analysis
5. Prepare Draft Request for Proposal (RFP) for CDA for Industry Review
6. Prepare CDA Evaluation Material
7. Prepare CDA Final RFP
8. Assist in the CDA RFP Selection Process
9. Prepare a Project Controls Process for the CDA

**PART II – Preliminary Engineering / Early Design Tasks**

1. Review past reports and studies with regard to incorporation into the CDA RFP
2. Assist in the Geotechnical Investigation effort to prepare geotechnical basis reports
3. Assist in the Traffic & Revenue systems and Financial Plan development
4. Develop an operational schematic for lighting, signing, signals, ITS & striping
5. Refine project schematic (Metric to English)
6. Confirm Horizontal and Vertical controls for the project based on provided TxDOT data
7. Confirm tunnel length parameters (Short or Long)
8. Confirm preliminary mined tunnel design for incorporation into the CDA RFP
9. Update Cost Estimates
10. Preliminary Ventilation Systems Design (Jet, Closed, Combined, Etc...)
11. Establish "Life Safety" Needs and Committees
12. Confirm project specific design criteria and references to TxDOT standards
13. Review adjacent ongoing projects to confirm project connections
14. Complete any process any known or needed design exception requests
15. Identify and confirm ROW needs related to the potential construction access location
16. Clarify the aesthetic design criteria and guidance for the project using the LBJ Urban Design program and adjacent project features as a basis.

### **Part III – Project Oversight & Management of the CDA**

1. Provide the project oversight and management of the project as defined in the CDA.
2. Participate in the project controls process for the CDA as those roles, processes and responsibilities are determined between TxDOT and the CDA Team. These could include, but are not limited to the following:
  - a. Project Scheduling
  - b. Utility Coordination and Relocation Activities
  - c. Right-of-Way Coordination and Acquisition services
  - d. Quality Assurance
  - e. Quality Control
  - f. Design Review
  - g. Construction Inspection
  - h. Construction Management
3. Develop a project Web page for inclusion and adaptation by the CDA Team
4. Develop and implement an ongoing public information campaign
5. Continue with identified engineering and other tasks that were determined for system wide integration as defined in the CDA. These could include, but are not limited to the following:
  - a. Transportation Systems planning
  - b. Environmental Studies & Permits
  - c. Schematic Development
  - d. Roadway Design
  - e. Traffic Engineering and operational studies
  - f. Traffic Operations Design
  - g. Hydraulic Analysis
  - h. Ongoing Geotechnical Services
  - i. Surveying and Mapping
  - j. Urban Design
  - k. Architecture
  - l. Aesthetics
  - m. Other misc. activities to be determined

Please note that these listed items are being provided as an attempt to provoke greater project discussion to refine the work products and levels of responsibility for the CDA.